

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/857,636A  
Source: IFW16  
Date Processed by STIC: 12/30/04

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 12/30/2004

PATENT APPLICATION: US/09/857,636A

TIME: 14:07:05

Input Set : A:\00537-186002.txt

Output Set: N:\CRF4\12302004\I857636A.raw

4 <110> APPLICANT: Dong, Zheng Xin  
 6 <120> TITLE OF INVENTION: Analogues of GLP-1  
 8 <130> FILE REFERENCE: 00537-186002  
 10 <140> CURRENT APPLICATION NUMBER: US 09/857,636A  
 C--> 11 <141> **CURRENT FILING DATE: 2001-11-02**  
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP99/09660  
 14 <151> PRIOR FILING DATE: 1999-12-07  
 16 <150> PRIOR APPLICATION NUMBER: US 60/111,255  
 17 <151> PRIOR FILING DATE: 1998-12-07  
 19 <150> PRIOR APPLICATION NUMBER: US 09/206,601  
 20 <151> PRIOR FILING DATE: 1998-12-07  
 22 <160> NUMBER OF SEQ ID NOS: 415  
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 30  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Homo sapiens  
 31 <400> SEQUENCE: 1  
 32 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 33 1 5 10 15  
 34 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg  
 35 20 25 30  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 30  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: Mutagen  
 W--> 45 <221> **NAME/KEY: VARIANT**  
 46 <222> LOCATION: 2, 29  
 47 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)  
 W--> 49 <221> **VARIANT**  
 50 <222> LOCATION:  
 51 <223> OTHER INFORMATION: this sequence has an amidated c-terminus  
 W--> 53 <400> 2  
 W--> 54 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 55 1 5 10 15  
 56 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Xaa Arg  
 57 20 25 30  
 59 <210> SEQ ID NO: 3  
 60 <211> LENGTH: 30  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: Artificial Sequence

*pp 6-7*

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64 <220> FEATURE:
65 <223> OTHER INFORMATION: Mutagen
W--> 67 <221> NAME/KEY: VARIANT
68 <222> LOCATION: 1
69 <223> OTHER INFORMATION: Xaa = N-alpha-HEPES-His
70      (N-alpha-(4-(2-hydroxyethyl)-1-piperazine-ethanesulfonic
71      acid)-histidine)
W--> 73 <221> VARIANT
74 <222> LOCATION: 2, 29
75 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)
W--> 77 <221> VARIANT
78 <222> LOCATION:
79 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 81 <400> 3
W--> 82 Xaa Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
83 1          5          10          15
84 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Xaa Arg
85          20          25          30
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 30
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Mutagen
W--> 95 <221> NAME/KEY: VARIANT
96 <222> LOCATION: 1
97 <223> OTHER INFORMATION: Xaa = Na-HEPA-His
98      (N-alpha-(4-(2-hydroxyethyl)-1-piperazineacetyl)-
99      histidine)
W--> 101 <221> VARIANT
102 <222> LOCATION: 2,29
103 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)
W--> 105 <221> VARIANT
106 <222> LOCATION:
107 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 109 <400> 4
W--> 110 Xaa Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
111 1          5          10          15
112 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Xaa Arg
113          20          25          30
115 <210> SEQ ID NO: 5
116 <211> LENGTH: 30
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Mutagen
W--> 123 <221> NAME/KEY: VARIANT
124 <222> LOCATION: 2
125 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)

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```

W--> 127 <221> VARIANT
      128 <222> LOCATION: 29
      129 <223> OTHER INFORMATION: Xaa = beta-Ala (beta-alanine)
W--> 131 <221> VARIANT
      132 <222> LOCATION:
      133 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 135 <400> 5
W--> 136 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      137 1 5 10 15
      138 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Xaa Arg
      139 20 25 30
      141 <210> SEQ ID NO: 6
      142 <211> LENGTH: 30
      143 <212> TYPE: PRT
      144 <213> ORGANISM: Artificial Sequence
      146 <220> FEATURE:
      147 <223> OTHER INFORMATION: Mutagen
W--> 149 <221> NAME/KEY: VARIANT
      150 <222> LOCATION: 2, 29
      151 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)
W--> 153 <221> VARIANT
      154 <222> LOCATION: 30
      155 <223> OTHER INFORMATION: Xaa = N-epsilon-tetradecanoyl-lysine
W--> 157 <221> VARIANT
      158 <222> LOCATION:
      159 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 161 <400> 6
W--> 162 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      163 1 5 10 15
      164 Gln Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Arg Xaa Xaa
      165 20 25 30
      167 <210> SEQ ID NO: 7
      168 <211> LENGTH: 30
      169 <212> TYPE: PRT
      170 <213> ORGANISM: Artificial Sequence
      172 <220> FEATURE:
      173 <223> OTHER INFORMATION: Mutagen
W--> 175 <221> NAME/KEY: VARIANT
      176 <222> LOCATION: 2, 29
      177 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)
W--> 179 <221> VARIANT
      180 <222> LOCATION: 28
      181 <223> OTHER INFORMATION: Xaa = N-epsilon-tetradecanoyl-lysine
W--> 183 <221> VARIANT
      184 <222> LOCATION:
      185 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 187 <400> 7
W--> 188 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      189 1 5 10 15

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```

190 Gln Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Xaa Xaa Arg
191          20          25          30
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 32
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Mutagen
W--> 201 <221> NAME/KEY: VARIANT
      202 <222> LOCATION: 2, 29, 31
      203 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)
W--> 205 <221> VARIANT
      206 <222> LOCATION: 32
      207 <223> OTHER INFORMATION: Xaa = N-epsilon-tetradecanoyl-lysine
W--> 209 <221> VARIANT
      210 <222> LOCATION:
      211 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 213 <400> 8
W--> 214 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      215 1          5          10          15
      216 Gln Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Arg Xaa Arg Xaa Xaa
      217          20          25          30
      219 <210> SEQ ID NO: 9
      220 <211> LENGTH: 30
      221 <212> TYPE: PRT
      222 <213> ORGANISM: Artificial Sequence
      224 <220> FEATURE:
      225 <223> OTHER INFORMATION: Mutagen
W--> 227 <221> NAME/KEY: VARIANT
      228 <222> LOCATION: 2, 29
      229 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)
W--> 231 <221> VARIANT
      232 <222> LOCATION: 30
      233 <223> OTHER INFORMATION: Xaa = N-epsilon-decanoyl-lysine
W--> 235 <221> VARIANT
      236 <222> LOCATION:
      237 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
W--> 239 <400> 9
W--> 240 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      241 1          5          10          15
      242 Gln Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Arg Xaa Xaa
      243          20          25          30
      245 <210> SEQ ID NO: 10
      246 <211> LENGTH: 30
      247 <212> TYPE: PRT
      248 <213> ORGANISM: Artificial Sequence
      250 <220> FEATURE:
      251 <223> OTHER INFORMATION: Mutagen
W--> 253 <221> NAME/KEY: VARIANT

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Input Set : A:\00537-186002.txt

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254 <222> LOCATION: 2, 29  
 255 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)  
 W--> 257 <221> VARIANT  
 258 <222> LOCATION: 30  
 259 <223> OTHER INFORMATION: Xaa = N-epsilon-dodecanesulfonyl-lysine  
 W--> 261 <221> VARIANT  
 262 <222> LOCATION:  
 263 <223> OTHER INFORMATION: this sequence has an amidated c-terminus  
 W--> 265 <400> 10  
 W--> 266 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 267 1 5 10 15  
 268 Gln Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Arg Xaa Xaa  
 269 20 25 30  
 271 <210> SEQ ID NO: 11  
 272 <211> LENGTH: 30  
 273 <212> TYPE: PRT  
 274 <213> ORGANISM: Artificial Sequence  
 276 <220> FEATURE:  
 277 <223> OTHER INFORMATION: Mutagen  
 W--> 279 <221> NAME/KEY: VARIANT  
 280 <222> LOCATION: 2, 29  
 281 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)  
 W--> 283 <221> VARIANT  
 284 <222> LOCATION: 30  
 285 <223> OTHER INFORMATION: Xaa =  
 286 N-epsilon-(2-(4-tetradecyl-1-piperazine)-acetyl)lysine  
 W--> 288 <221> VARIANT  
 289 <222> LOCATION:  
 290 <223> OTHER INFORMATION: this sequence has an amidated c-terminus  
 W--> 292 <400> 11  
 W--> 293 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 294 1 5 10 15  
 295 Gln Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Arg Xaa Xaa  
 296 20 25 30  
 298 <210> SEQ ID NO: 12  
 299 <211> LENGTH: 30  
 300 <212> TYPE: PRT  
 301 <213> ORGANISM: Artificial Sequence  
 303 <220> FEATURE:  
 304 <223> OTHER INFORMATION: Mutagen  
 W--> 306 <221> NAME/KEY: VARIANT  
 307 <222> LOCATION: 2, 29  
 308 <223> OTHER INFORMATION: Xaa = Aib (alpha-aminoisobutyric acid)  
 W--> 310 <221> VARIANT  
 311 <222> LOCATION: 30  
 312 <223> OTHER INFORMATION: Xaa = 1-(4-tetradecyl-piperazine)asparagine  
 W--> 314 <221> VARIANT  
 315 <222> LOCATION:  
 316 <223> OTHER INFORMATION: this sequence has an amidated c-terminus

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/857,636A

DATE: 12/30/2004  
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Input Set : A:\00537-186002.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 2,29  
Seq#:3; Xaa Pos. 1,2,29  
Seq#:4; Xaa Pos. 1,2,29  
Seq#:5; Xaa Pos. 2,29  
Seq#:6; Xaa Pos. 2,29,30  
Seq#:7; Xaa Pos. 2,28,29  
Seq#:8; Xaa Pos. 2,29,31,32  
Seq#:9; Xaa Pos. 2,29,30  
Seq#:10; Xaa Pos. 2,29,30  
Seq#:11; Xaa Pos. 2,29,30  
Seq#:12; Xaa Pos. 2,29,30  
Seq#:13; Xaa Pos. 2,29,30  
Seq#:14; Xaa Pos. 2,29,30,31  
Seq#:15; Xaa Pos. 2,29,30  
Seq#:16; Xaa Pos. 2,26,29  
Seq#:17; Xaa Pos. 2,29  
Seq#:18; Xaa Pos. 2,18,26,29  
Seq#:19; Xaa Pos. 2,26,29  
Seq#:20; Xaa Pos. 2,29  
Seq#:21; Xaa Pos. 2,29  
Seq#:22; Xaa Pos. 2,29,30  
Seq#:23; Xaa Pos. 2,29,30  
Seq#:24; Xaa Pos. 2,29,30  
Seq#:25; Xaa Pos. 2,29,30  
Seq#:26; Xaa Pos. 2,29,30,31,32  
Seq#:27; Xaa Pos. 2,29,32,33  
Seq#:28; Xaa Pos. 2,29,31  
Seq#:29; Xaa Pos. 2,11,29  
Seq#:30; Xaa Pos. 2,29,31,32,33  
Seq#:31; Xaa Pos. 29  
Seq#:32; Xaa Pos. 29  
Seq#:33; Xaa Pos. 2,29  
Seq#:34; Xaa Pos. 29  
Seq#:35; Xaa Pos. 2,29  
Seq#:36; Xaa Pos. 2,29  
Seq#:37; Xaa Pos. 2,29  
Seq#:38; Xaa Pos. 2,29  
Seq#:39; Xaa Pos. 2,30  
Seq#:40; Xaa Pos. 2,29,31  
Seq#:41; Xaa Pos. 2,21,29  
Seq#:42; Xaa Pos. 2,21,29,31  
Seq#:43; Xaa Pos. 2,21,29,31  
Seq#:44; Xaa Pos. 2,29  
Seq#:45; Xaa Pos. 2,29

RAW SEQUENCE LISTING ERROR SUMMARY  
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Input Set : A:\00537-186002.txt  
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Seq#:46; Xaa Pos. 2,29  
Seq#:47; Xaa Pos. 2,29  
Seq#:48; Xaa Pos. 2,29  
Seq#:49; Xaa Pos. 2,29  
Seq#:50; Xaa Pos. 2,29  
Seq#:51; Xaa Pos. 2,29  
Seq#:52; Xaa Pos. 2,25,29

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:412; Line(s) 11293,11297,11325,11329,11333,11337,11341,11345,11349



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Input Set : A:\00537-186002.txt

Output Set: N:\CRF4\12302004\I857636A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:45 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:49 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:53 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
M:341 Repeated in SeqNo=2  
L:67 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:73 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:77 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:81 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
M:341 Repeated in SeqNo=3  
L:95 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:101 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:105 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:109 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
M:341 Repeated in SeqNo=4  
L:123 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
L:131 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
L:135 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
M:341 Repeated in SeqNo=5  
L:149 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:153 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:157 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:161 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
M:341 Repeated in SeqNo=6  
L:175 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:179 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:183 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:187 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
M:341 Repeated in SeqNo=7  
L:201 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:205 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:209 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:213 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
M:341 Repeated in SeqNo=8  
L:227 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:231 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:235 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:239 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
M:341 Repeated in SeqNo=9

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L:253 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:257 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:261 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:265 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
M:341 Repeated in SeqNo=10  
L:279 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:283 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:288 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:292 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
M:341 Repeated in SeqNo=11  
L:306 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:310 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:314 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:318 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
M:341 Repeated in SeqNo=12  
L:332 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:336 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13  
L:340 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13  
L:344 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13  
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
M:341 Repeated in SeqNo=13  
L:358 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:362 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:366 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:370 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:374 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
M:341 Repeated in SeqNo=14  
L:388 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:392 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:396 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:400 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
M:341 Repeated in SeqNo=15  
L:414 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:418 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:422 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:426 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
M:341 Repeated in SeqNo=16  
L:440 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:444 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:448 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
M:341 Repeated in SeqNo=17  
L:462 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

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Input Set : A:\00537-186002.txt

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L:466 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:470 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
M:341 Repeated in SeqNo=18  
L:484 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:488 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
M:341 Repeated in SeqNo=19  
L:510 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
M:341 Repeated in SeqNo=20  
L:536 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
M:341 Repeated in SeqNo=21  
L:558 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
M:341 Repeated in SeqNo=22  
L:584 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
M:341 Repeated in SeqNo=23  
L:610 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
M:341 Repeated in SeqNo=24  
L:636 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
M:341 Repeated in SeqNo=25  
L:667 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
M:341 Repeated in SeqNo=26  
L:697 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:729 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:751 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:769 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:805 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:827 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:849 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:875 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:897 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:923 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:949 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:975 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1001 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1027 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1057 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1083 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1109 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1137 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1163 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1189 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

## VERIFICATION SUMMARY

DATE: 12/30/2004

PATENT APPLICATION: US/09/857,636A

TIME: 14:07:06

Input Set : A:\00537-186002.txt

Output Set: N:\CRF4\12302004\I857636A.raw

L:1215 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1241 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1267 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1293 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1319 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!